

<https://www.phoenixcontact.com/cn/products/1423071>

Network cable - VS-IP20-IP20/LG-94B-LI/1,0 - 1423071

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Assembled Ethernet cable, shielded, 4-pair, 26 AWG stranded (7-wire), RAL 5021 (water blue), RJ45 plug/IP20 to RJ45 plug/IP20 turned, line, length: 1 m

Why buy this product

- ✓ Can be used for RCM type B+ residual current monitoring devices



Ethernet

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 566377
GTIN	4046356566377
Sales Key	ABNAEB

Technical data

Dimensions

Length of cable	1 m
-----------------	-----

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C (cable, fixed installation)

General data

Number of positions	8
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Degree of pollution	2
	2
Alternative short product description	Ethernet cable

Characteristics head 1

Head type	Plug straight RJ45 / IP20
No. of positions (pin connector pattern)	8

<https://www.phoenixcontact.com/cn/products/1423071>

Network cable - VS-IP20-IP20/LG-94B-LI/1,0 - 1423071

Technical data

Characteristics head 2

Head type	Plug straight RJ45 / IP20
No. of positions (pin connector pattern)	8

Standards and Regulations

Flammability rating according to UL 94	V2
--	----

Cable

Cable type	Ethernet, flexible, CAT5
Cable type (abbreviation)	94B
UL AWM style	20963 (80°C/30 V)
Signal type/category	Ethernet CAT5 (IEC 11801), 1 Gbps
Cable structure	4x2xAWG26/7; SF/UTP
Conductor cross section	4x 2x 0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	0.96 mm
Wire colors	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Shielding	Aluminum-coated foil, tinned copper braided shield
Optical shield covering	70 %
External sheath, color	water blue RAL 5021
Outer sheath thickness	1.05 mm
External cable diameter D	6.4 mm ±0.2 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	8 x D
Tensile strength short-term/long-term	≤ 100 N
Cable weight	47 kg/km
Outer sheath, material	PUR
Material conductor insulation	Foamed PE
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 500 MΩ*km
Loop resistance	≤ 290 Ω (per km)
Cable capacity	48 nF/km (at 1 kHz)
Wave impedance	100 Ω ±5 Ω (at 100 MHz)
Signal runtime	5.3 ns/m
Coupling resistance	≤ 100.00 mΩ/m (At 10 MHz)
Nominal voltage, cable	≤ 100 V
Test voltage Core/Core	700 V (50 Hz, 1 min.)
Test voltage Core/Shield	700 V (50 Hz, 1 min.)
Flame resistance	according to IEC 60332-1-2

<https://www.phoenixcontact.com/cn/products/1423071>

Network cable - VS-IP20-IP20/LG-94B-LI/1,0 - 1423071

Technical data

Cable

Halogen-free	According to IEC 60754-1
Resistance to oil	according to EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-20 °C ... 80 °C (cable, flexible installation)
Ambient temperature (installation)	-20 °C ... 80 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.00767
-----	---	---------

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>